

XTRA ENERGY CORP.
WELL# 35
ELEV. 58' K.B.
SURVEY BY EASTMAN
TYPE SINGLE SHOT LAMB. COORD. N 4 041 496 E 4 205 567
MAG. DEC. 14 DEGREES

T.H.E. DIRECTIONAL DRILLING COMPANY
DIST. CARSON
LEASE WILMINGTON
RADIUS OF CURVATURE
WELL COURSE - N 88 51' E

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1/20/83

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.
THE VERTICAL SECTION WAS COMPUTED ALONG N 88 51' E
BASED UPON RADIUS OF CURVATURE TYPE CALCULATIONS.

THE BOTTOM HOLE DISPLACEMENT IS 3098.4 FEET IN THE DIRECTION OF N 88 40' E.
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELL HEAD.
VERTICAL SECTION IS RELATIVE TO WELL HEAD.